



ENTERED

PCT10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,557

DATE: 07/16/2002  
TIME: 13:56:14

Input Set : A:\pf0693usn\_subseqlist.txt  
Output Set: N:\CRF3\07162002\J009557.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
5 BANDMAN, Olga  
6 HILLMAN, Jennifer L.  
7 TANG, Y. Tom  
8 LAL, Preeti  
9 YUE, Henry  
10 BAUGHN, Mariah R.  
11 LU, Dyung Aina M.  
12 AZIMZAI, Yalda  
14 <120> TITLE OF INVENTION: EXTRACELLULAR MATRIX AND ADHESION-ASSOCIATED PROTEINS  
16 <130> FILE REFERENCE: PF-0693 PCT  
C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/009,557  
C--> 19 <141> CURRENT FILING DATE: 2002-06-12  
21 <150> PRIOR APPLICATION NUMBER: 60/133,643; 60/150,409  
W--> 22 <151> PRIOR FILING DATE: 1999-05-11; 1999-08-23  
24 <160> NUMBER OF SEQ ID NOS: 50  
25 <170> SOFTWARE: PERL Program  
27 <210> SEQ ID NO: 1  
28 <211> LENGTH: 309  
29 <212> TYPE: PRT  
30 <213> ORGANISM: Homo sapiens  
32 <220> FEATURE:  
33 <221> NAME/KEY: misc\_feature  
34 <223> OTHER INFORMATION: Incyte ID No: 398269CD1  
36 <400> SEQUENCE: 1  
37 Met Val Phe Pro Ala Lys Arg Phe Cys Leu Val Pro Ser Met Glu  
38 1 5 10 15  
39 Gly Val Arg Trp Ala Phe Ser Cys Gly Thr Trp Leu Pro Ser Arg  
40 20 25 30  
41 Ala Glu Trp Leu Leu Ala Val Arg Ser Ile Gln Pro Glu Glu Lys  
42 35 40 45  
43 Glu Arg Ile Gly Gln Phe Val Phe Ala Arg Asp Ala Lys Ala Ala  
44 50 55 60  
45 Met Ala Gly Arg Leu Met Ile Arg Lys Leu Val Ala Glu Lys Leu  
46 65 70 75  
47 Asn Ile Pro Trp Asn His Ile Arg Leu Gln Arg Thr Ala Lys Gly  
48 80 85 90  
49 Lys Pro Val Leu Ala Lys Asp Ser Ser Asn Pro Tyr Pro Asn Phe  
50 95 100 105  
51 Asn Phe Asn Ile Ser His Gln Gly Asp Tyr Ala Val Leu Ala Ala  
52 110 115 120  
53 Glu Pro Glu Leu Gln Val Gly Ile Asp Ile Met Lys Thr Ser Phe  
54 125 130 135

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55 Pro Gly Arg Gly Ser Ile Pro Glu Phe Phe His Ile Met Lys Arg
56           140           145           150
57 Lys Phe Thr Asn Lys Glu Trp Glu Thr Ile Arg Ser Phe Lys Asp
58           155           160           165
59 Glu Trp Thr Gln Leu Asp Met Phe Tyr Arg Asn Trp Ala Leu Lys
60           170           175           180
61 Glu Ser Phe Ile Lys Ala Ile Gly Val Gly Leu Gly Phe Glu Leu
62           185           190           195
63 Gln Arg Leu Glu Phe Asp Leu Ser Pro Leu Asn Leu Asp Ile Gly
64           200           205           210
65 Gln Val Tyr Lys Glu Thr Arg Leu Phe Leu Asp Gly Glu Glu Glu
66           215           220           225
67 Lys Glu Trp Ala Phe Glu Glu Ser Lys Ile Asp Glu His His Phe
68           230           235           240
69 Val Ala Val Ala Leu Arg Lys Pro Asp Gly Ser Arg His Gln Asp
70           245           250           255
71 Val Pro Ser Gln Asp Asp Ser Lys Pro Thr Gln Arg Gln Phe Thr
72           260           265           270
73 Ile Leu Asn Phe Asn Asp Leu Met Ser Ser Ala Val Pro Met Thr
74           275           280           285
75 Pro Glu Asp Pro Ser Phe Trp Asp Cys Phe Cys Phe Thr Glu Glu
76           290           295           300
77 Ile Pro Ile Arg Asn Gly Thr Lys Ser
78           305
79 <210> SEQ ID NO: 2
80 <211> LENGTH: 554
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo sapiens
84 <220> FEATURE:
85 <221> NAME/KEY: misc_feature
86 <223> OTHER INFORMATION: Incyte ID No: 1258888CD1
88 <400> SEQUENCE: 2
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91 Val Ala Gly Gly Phe Gly Asn Ala Ala Ser Ala Arg His His Gly
92           20           25           30
93 Leu Leu Ala Ser Ala Arg Gln Pro Gly Val Cys His Tyr Gly Thr
94           35           40           45
95 Lys Leu Ala Cys Cys Tyr Gly Trp Arg Arg Asn Ser Lys Gly Val
96           50           55           60
97 Cys Glu Ala Thr Cys Glu Pro Gly Cys Lys Phe Gly Glu Cys Val
98           65           70           75
99 Gly Pro Asn Lys Cys Arg Cys Phe Pro Gly Tyr Thr Gly Lys Thr
100          80           85           90
101 Cys Ser Gln Asp Val Asn Glu Cys Gly Met Lys Pro Arg Pro Cys
102          95          100          105
103 Gln His Arg Cys Val Asn Thr His Gly Ser Tyr Lys Cys Phe Cys
104          110          115          120
105 Leu Ser Gly His Met Leu Met Pro Asp Ala Thr Cys Val Asn Ser

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106		125		130		135
107	Arg Thr Cys Ala Met Ile Asn Cys Gln Tyr Ser Cys Glu Asp Thr					
108		140		145		150
109	Glu Glu Gly Pro Gln Cys Leu Cys Pro Ser Ser Gly Leu Arg Leu					
110		155		160		165
111	Ala Pro Asn Gly Arg Asp Cys Leu Asp Ile Asp Glu Cys Ala Ser					
112		170		175		180
113	Gly Lys Val Ile Cys Pro Tyr Asn Arg Arg Cys Val Asn Thr Phe					
114		185		190		195
115	Gly Ser Tyr Tyr Cys Lys Cys His Ile Gly Phe Glu Leu Gln Tyr					
116		200		205		210
117	Ile Ser Gly Arg Tyr Asp Cys Ile Asp Ile Asn Glu Cys Thr Met					
118		215		220		225
119	Asp Ser His Thr Cys Ser His His Ala Asn Cys Phe Asn Thr Gln					
120		230		235		240
121	Gly Ser Phe Lys Cys Lys Cys Lys Gln Gly Tyr Lys Gly Asn Gly					
122		245		250		255
123	Leu Arg Cys Ser Ala Ile Pro Glu Asn Ser Val Lys Glu Val Leu					
124		260		265		270
125	Arg Ala Pro Gly Thr Ile Lys Asp Arg Ile Lys Lys Leu Leu Ala					
126		275		280		285
127	His Lys Asn Ser Met Lys Lys Lys Ala Lys Ile Lys Asn Val Thr					
128		290		295		300
129	Pro Glu Pro Thr Arg Thr Pro Thr Pro Lys Val Asn Leu Gln Pro					
130		305		310		315
131	Phe Asn Tyr Glu Glu Ile Val Ser Arg Gly Gly Asn Ser His Gly					
132		320		325		330
133	Gly Lys Lys Gly Asn Glu Glu Lys Met Lys Glu Gly Leu Glu Asp					
134		335		340		345
135	Glu Lys Arg Glu Glu Lys Ala Leu Lys Asn Asp Ile Glu Glu Arg					
136		350		355		360
137	Ser Leu Arg Gly Asp Val Phe Phe Pro Lys Val Asn Glu Ala Gly					
138		365		370		375
139	Glu Phe Gly Leu Ile Leu Val Gln Arg Lys Ala Leu Thr Ser Lys					
140		380		385		390
141	Leu Glu His Lys Ala Asp Leu Asn Ile Ser Val Asp Cys Ser Phe					
142		395		400		405
143	Asn His Gly Ile Cys Asp Trp Lys Gln Asp Arg Glu Asp Asp Phe					
144		410		415		420
145	Asp Trp Asn Pro Ala Asp Arg Asp Asn Ala Ile Gly Phe Tyr Met					
146		425		430		435
147	Ala Val Pro Ala Leu Ala Gly His Lys Lys Asp Ile Gly Arg Leu					
148		440		445		450
149	Lys Leu Leu Leu Pro Asp Leu Gln Pro Gln Ser Asn Phe Cys Leu					
150		455		460		465
151	Leu Phe Asp Tyr Arg Leu Ala Gly Asp Lys Val Gly Lys Leu Arg					
152		470		475		480
153	Val Phe Val Lys Asn Ser Asn Asn Ala Leu Ala Trp Glu Lys Thr					
154		485		490		495

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155 Thr Ser Glu Asp Glu Lys Trp Lys Thr Gly Lys Ile Gln Leu Tyr
156          500          505          510
157 Gln Gly Thr Asp Ala Thr Lys Ser Ile Ile Phe Glu Ala Glu Arg
158          515          520          525
159 Gly Lys Gly Lys Thr Gly Glu Ile Ala Val Asp Gly Val Leu Leu
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161 Val Ser Gly Leu Cys Pro Asp Ser Leu Leu Ser Val Asp Asp
162          545          550
163 <210> SEQ ID NO: 3
164 <211> LENGTH: 482
165 <212> TYPE: PRT
166 <213> ORGANISM: Homo sapiens
168 <220> FEATURE:
169 <221> NAME/KEY: misc_feature
170 <223> OTHER INFORMATION: Incyte ID No: 1375891CD1
172 <400> SEQUENCE: 3
173 Met Gly Cys Leu Trp Gly Leu Ala Leu Pro Leu Phe Phe Phe Cys
174   1          5          10          15
175 Trp Glu Val Gly Val Ser Gly Ser Ser Ala Gly Pro Ser Thr Arg
176          20          25          30
177 Arg Ala Asp Thr Ala Met Thr Thr Asp Asp Thr Glu Val Pro Ala
178          35          40          45
179 Met Thr Leu Ala Pro Gly His Ala Ala Leu Glu Thr Gln Thr Leu
180          50          55          60
181 Ser Ala Glu Thr Ser Ser Arg Ala Ser Thr Pro Ala Gly Pro Ile
182          65          70          75
183 Pro Glu Ala Glu Thr Arg Gly Ala Lys Arg Ile Ser Pro Ala Arg
184          80          85          90
185 Glu Thr Arg Ser Phe Thr Lys Thr Ser Pro Asn Phe Met Val Leu
186          95          100          105
187 Ile Ala Thr Ser Val Glu Thr Ser Ala Ala Ser Gly Ser Pro Glu
188          110          115          120
189 Gly Ala Gly Met Thr Thr Val Gln Thr Ile Thr Gly Ser Asp Pro
190          125          130          135
191 Glu Glu Ala Ile Phe Asp Thr Leu Cys Thr Asp Asp Ser Ser Glu
192          140          145          150
193 Glu Ala Lys Thr Leu Thr Met Asp Ile Leu Thr Leu Ala His Thr
194          155          160          165
195 Ser Thr Glu Ala Lys Gly Leu Ser Ser Glu Ser Ser Ala Ser Ser
196          170          175          180
197 Asp Gly Pro His Pro Val Ile Thr Pro Ser Arg Ala Ser Glu Ser
198          185          190          195
199 Ser Ala Ser Ser Asp Gly Pro His Pro Val Ile Thr Pro Ser Arg
200          200          205          210
201 Ala Ser Glu Ser Ser Ala Ser Ser Asp Gly Pro His Pro Val Ile
202          215          220          225
203 Thr Pro Ser Trp Ser Pro Gly Ser Asp Val Thr Leu Leu Ala Glu
204          230          235          240
205 Ala Leu Val Thr Val Thr Asn Ile Glu Val Ile Asn Cys Ser Ile

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Input Set : A:\pf0693usn\_subseqlist.txt

Output Set: N:\CRF3\07162002\J009557.raw

206		245		250		255
207	Thr Glu Ile Glu	Thr Thr Thr Ser Ser	Ile Pro Gly Ala Ser	Asp		
208		260		265		270
209	Ile Asp Leu Ile	Pro Thr Glu Gly Val	Lys Ala Ser Ser Thr	Ser		
210		275		280		285
211	Asp Pro Pro Ala	Leu Pro Asp Ser Thr	Glu Ala Lys Pro His	Ile		
212		290		295		300
213	Thr Glu Val Thr	Ala Ser Ala Glu Thr	Leu Ser Thr Ala Gly	Thr		
214		305		310		315
215	Thr Glu Ser Ala	Ala Pro His Ala Thr	Val Gly Thr Pro Leu	Pro		
216		320		325		330
217	Thr Asn Ser Ala	Thr Glu Arg Glu Val	Thr Ala Pro Gly Ala	Thr		
218		335		340		345
219	Thr Leu Ser Gly	Ala Leu Val Thr Val	Ser Arg Asn Pro Leu	Glu		
220		350		355		360
221	Glu Thr Ser Ala	Leu Ser Val Glu Thr	Pro Ser Tyr Val Lys	Val		
222		365		370		375
223	Ser Gly Ala Ala	Pro Val Ser Ile Glu	Ala Gly Ser Ala Val	Gly		
224		380		385		390
225	Lys Thr Thr Ser	Phe Ala Gly Ser Ser	Ala Ser Ser Tyr Ser	Pro		
226		395		400		405
227	Ser Glu Ala Ala	Leu Lys Asn Phe Thr	Pro Ser Glu Thr Pro	Thr		
228		410		415		420
229	Met Asp Ile Ala	Thr Lys Gly Pro Phe	Pro Thr Ser Arg Asp	Pro		
230		425		430		435
231	Leu Pro Ser Val	Pro Pro Thr Thr Thr	Asn Ser Ser Arg Gly	Thr		
232		440		445		450
233	Asn Ser Thr Leu	Ala Lys Ile Thr Thr	Ser Ala Lys Thr Thr	Met		
234		455		460		465
235	Lys Pro Gln Gln	Pro Arg Pro Arg Leu	Pro Gly Arg Gly Arg	Pro		
236		470		475		480
237	Gln Thr					
239	<210> SEQ ID NO: 4					
240	<211> LENGTH: 735					
241	<212> TYPE: PRT					
242	<213> ORGANISM: Homo sapiens					
244	<220> FEATURE:					
245	<221> NAME/KEY: misc_feature					
246	<223> OTHER INFORMATION: Incyte ID No: 1524355CD1					
248	<400> SEQUENCE: 4					
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251	Leu Pro Tyr Ala	Leu His Lys Trp Ser	Ser Phe Ser Ser Thr	Tyr		
252		20	25	30		
253	Leu Pro Glu Asn	Ile Leu Val Asp Lys	Pro Asn Asp Gln Ser	Ser		
254		35	40	45		
255	Arg Trp Ser Ser	Glu Ser Asn Tyr Pro	Pro Gln Tyr Leu Ile	Leu		
256		50	55	60		
257	Lys Leu Glu Arg	Pro Ala Ile Val Gln	Asn Ile Thr Phe Gly	Lys		

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 07/16/2002  
PATENT APPLICATION: US/10/009,557      TIME: 13:56:15

Input Set : A:\pf0693usn\_subseqlist.txt  
Output Set: N:\CRF3\07162002\J009557.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:37; N Pos. 2793

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/009,557

DATE: 07/16/2002

TIME: 13:56:15

Input Set : A:\pf0693usn\_subseqlist.txt

Output Set: N:\CRF3\07162002\J009557.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:19 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:22 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:2253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:2760